# PATENT COOPERATION TREATY

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# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	TOP THE PROPERTY ACTION	See Form DO	CT/IPEA/416		
PCT197/365AK	FOR FURTHER ACTION	See Point C	51/11 D/3-410		
International application No.	International filing date (day/m	onth/year)	Priority date (day/month/year)		
PCT/FI2003/000811	03.11.2003		04.11.2002		
International Patent Classification (IPC)	or national classification and IPC				
D21G 9/00 // D21F 7/0	0				
Applicant	~1		·		
Metso Paper, Inc. et					
This report is the international property under Article 35 and to	eliminary examination report, est ransmitted to the applicant accord	tablished by this ding to Article 3	s International Preliminary Examining  66.		
2. This REPORT consists of a total	of 3 sheets, inclu	uding this cover	sheet.		
3. This report is also accompanied l	by ANNEXES, comprising:				
		ula total of	sheets, as follows:		
a. (sent to the applican	nt and to the International Bureau	ings which have	been amended and are the basis of this report		
and/or sheet	s containing rectifications author	ized by this Au	thority (see Rule 70.16 and Section 607 of the		
Administrati	ive Instructions).		ity considers contain an amendment that goes		
sheets which	n supersede earner sneets, but wh disclosure in the international app	plication as filed	l, as indicated in item 4 of Box No and the		
Supplement					
b. (sent to the Internat	ional Bureau only) a total of (ind	licate type and r	number of electronic carrier(s))		
	containing a s	equence listing	and/or tables related thereto, in computer		
readable form only, Administrative Inst	readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).				
4. This report contains indications	relating to the following items:				
	of the report				
Box No. II Priori	ty		·		
Box No. III Non-e	establishment of opinion with reg	gard to novelty,	inventive step and industrial applicability		
	of unity of invention				
No V Reaso	oned statement under Article 35(2	2) with regard to	o novelty, inventive step or industrial		
applie	cability; citations and explanation	ns supporting su	ich statement		
	Box No. VI Certain documents cited				
1 1	in defects in the international app				
Box No. VIII Certain observations on the international application					
Date of submission of the demand	Dat	te of completion	of this report		
Date of submission of the demand		•	-		
10.05.2004	07	7.01.200	5		
Name and mailing address of the IPEA		thorized officer			
Patent- och registreringsverke	, QB				
Box 5055 S-102 42 STOCKHOLM		rika Wes	tberg/BS		
Facsimile No. +46 8 667 72 88	i i		16 8 782 25 00		

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/FI2003/000811

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.  This report is based on a translation from the original language into the following language which is the language of a translation furnished for the purposes of.  international search (under Rules 12.3 and 23.1(b))  publication of the international application (under Rule 12.4)  international preliminary examination (under Rules 55.2 and/or 55.3)  With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report or "originally filed" and are not amend to this report):  the international application as originally filed/furnished the description:  pages	Box	No. I	Rasis	sis of the report	
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### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/FI2003/000811

Box No. V		Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1.	Statement					
	Nove	lty (N)	Claims Claims	1-10	YES NO	
	Inven	tive step (IS)	Claims Claims	1-10	YES NO	
	. Indus	strial applicability (IA)	Claims Claims	1-10	YES NO	

#### 2. Citations and explanations (Rule 70.7)

This report is based on claims as originally filed.

Documents cited in the International Search Report:

D1: EP 0427887 A1 D2: EP 0274977 A1 D3: US 6395135 B1

The cited documents represent the general state of the art. The invention defined in claims 1- 10 is not disclosed by any of these documents.

The cited prior art does not give any indication that would lead a person skilled in the art to the claimed arrangement in the on-line finishing of a paper machine, including tail threading equipment. Therefore, the claimed invention is not obvious to a person skilled in the art.

Accordingly, the invention defined in claims 1- 10 is novel and is considered to involve an inventive step. The invention is industrially applicable.